FIGURE 3C (1:11, LIGHT CHAIN) [SEQ ID NO.:]

```
GAGCTCACGC AGTCTCCAGG CACCCTGTCT TTGTCTCCAG GGGAAAGAGC CACCCTCTCC TGCGGGGCCA
GTCAGAGTGT TAGGAGCAAC TACTTAGCCT GGTACCAGCA AAACCTGGC CAGGCTCCCA GGCTCCTCAT
CTATGGTGTA TCCAGCAGGG CCACTGGCAT CCCAGACAGG TTCAGTGGCA GTGGGTCTGG GACAGACTTC
ACTCTCACCA TCAGCAGACT GGAGCCTGAA GATTTTGCAG TGTATTACTG TCAGCAGTAT GGTAGCTCAC
CTCGGACTTT TGGCCAGGGG ACCAAGTTGG AGATCAAA
```

FIGURE 3D (L3, LIGHT CHAIN) [SEQ ID NO.:]

```
GAGCTCACGC AGTCTCCAGC CACCCTGTCT GTGTCTCCAG GGGAAAGAGC CTCCCTCTCC TGCAGGGCCA
GTCAGAGTGT CGGTAACAAT TTAGCTTGGT ATCAGCAGAA ACCTGGCCAG GCTCCCAGGC TCCTCATTTA
TGGTGGAAAC ACCAGAGCCA CTGGTACCCC AGACAGGTTC AGTGGCAGTG GGTCTGGGAC AGAATTCACT
CTCACCATCA GCAGCCTGCA GTCTGAGGAC TTTGCAGTTT ATTTCTGTCA ACACTATAGT ACCTGGCGGC
TCACTTTCGG CGGGGGGACC AAGGTCGAGT TCAAG
```

FIGURE 3A (1:5, LIGHT CHAIN) [SEQ ID NO.:]

GAGCTCACGC AGTCTCCAGG CACCCTGTCT TTGTCTCCAG GGGAAAGAGC CACCCTCTCC TGCAGGGCCA
GTCAGAGTGT TAGCAGCAAT TACTTAGCCT GGTACCAGCA GAGACTGGC CAGGCTCCCA GGCTCCTCAT
CTATGGTGCA TCCAGCAGGG CCACTGGCAT CCCAGACAGG TTCAGTGGCA GTGGGTCTGG GACAGACTTC
ACTCTCACCA TCAGCAGACT GGAGCCTGAA GATTTTGCAG TGTATTACTG TCAGCTTTAT GGTAACTCAC
GTTGGACGTT CGGCCAAGGG ACCAAGGTGG AGATCAAA

FIGURE 3B (1:7, LIGHT CHAIN) [SEQ ID NO.:]

GAGCTCACTC AGTCTCCAGC CACCCTGTCT TTGTCTCCAG GGGAAAGAGC CACCCTCTCC TGCAGGGCCA
GTCAGAGTGT TAACAAGTAC TTAGCCTGGT ACCAACAGAA ACCTGGCCAG GCTCCCAGGC TCCTCATCTA
TGATGCATCC AACAGGGCCA CTGGCATCCC AGCCAGGTTC AGTGGCAGTG GGTCTGGGAC AGACTTCACT
CTCACCATCA GCAACCTAGA GCCTGAAGAT TTTGCAGTTT ATTACTGTCA GCAGCGTAGC GACTGGGTCA
CTTTCGGCGGG AGGGACCAAG GTGGAGATCA AA

FIGURE 2E (L1, LIGHT CHAIN)   [SEQ ID NO.: ____]

AELTQSPGTL SLSVGERATL SCRASQNIYS GYLGWYQQKP GQPPRLLIYG ASNRAIGIPD
                  CDR 1   CDR 2

- RFSGSGSGTD FTLTISRLES EDFAVYYCQQ YGSPPYTFGQ GTKVEIK
                                   CDR 3

FIGURE 2F (A8, LIGHT CHAIN)   [SEQ ID NO.: ____]

AELTQSPSSL SAFVGDRVTI TCRASQSISR NLNWYQQKPG TAPKVLIYAA SSLQSGVPSR
                   CDR 1   CDR 2

- FSGSGSGTDF TLTITSLQPE DFATYYCQQS YTTPRTFGGG TKVEVK
                                   CDR 3

FIGURE 2G (A12, LIGHT CHAIN)   [SEQ ID NO.: ____]

AELTQSPGTL SLSPGERATL SCRASQSLSS KYLAWYQQKP GQAPRLFIYD ASSRAIGIPD
                  CDR 1   CDR 2

- RFSGSGSGTD FTLSISRLEP EDFAVYYCQQ YGTPRTFGQG TKVEIK
                                   CDR 3

FIGURE 2C (1:11, LIGHT CHAIN) [SEQ ID NO.:]

CDR1 CDR 2 CDR3
AELTQSPGTL SLSPGERATL SCGASQSVRS NYLAWYQQKP GQAPRLLIYG VSSRATGIPD RFSGSGSGTD FTLTISRLEP EDFAVYYCQQ YGSSPRTFGQ GTKLEIK

FIGURE 2D (L3, LIGHT CHAIN) [SEQ ID NO.:]

CDR 1 CDR 2 CDR3
AELTQSPATL SVSPGERASL SCRASQSVGN NLAWYQQKPG QAPRLLIYGG NTRATGTPDR FSGSGSGTEF TLTISSLQSE DFAVYFCQHY STWPLTFGGG TKVEFK

FIGURE 2A (1:5, LIGHT CHAIN) [SEQ ID NO.:]

CDR1 CDR 2 CDR3

AELTQSPGTL SLSPGERATL SCRASQSVSS NYLAWYQQRP GQAPRLLIYG ASSRATGIPD RFSGSGSGTD FTLTISRLEP EDFAVYYCQL YGNSRWTFGQ GTKVEIK

FIGURE 2B (1:7, LIGHT CHAIN) [SEQ ID NO.:]

CDR 1 CDR 2 CDR3

AELTQSPATL SLSPGERATL SCRASQSVNK YLAWYQQKPG QAPRLLIYDA SNRATGIPAR FSGSGSGTDF TLTISNLEPE DFAVYYCQQR SDWVTFGGGT KVEIK

FIGURE 1E (L1, HEAVY CHAIN)   [SEQ ID NO.: ___]

CDR 1

EVQLLESGGG VVQPGRSLRL SCAASGFTFS AYGMHWVRQA PGKGLEWVAG

CDR 2

IWFDGSNQYYSDSYKGRFTV -

SRDNSRNTLF LQMNSLRPED TAVYYCATEV LFGSIKGRYY LENWGQGTLVTVSS

CDR 3

FIGURE 1F (A8, HEAVY CHAIN)   [SEQ ID NO.: ___]

CDR 1

EVQLLESGPG LVKPSGTLSL TCTVSGGSIR SSHWWSWVRQ PPGKGLEWIG

CDR 2

EVFESGSTIYNPSLNDRVFM -

SVDKSKDQVS LRLSSVTAAD TAVYYCARSP IKMNQGRMML DAFDIWGQGTLVIVSS

CDR 3

FIGURE 1G (A12, HEAVY CHAIN)   [SEQ ID NO.: ___]

CDR 1

EVQLLESGSE VKKPGSSVKV SCRASGGSFR SYNFNWVRQA PGQGLEWMGG

CDR 2

IIPMFGTANYAQKFQGRVTI -

TADESTATGY MELSSLRSED TAVYYCAMPY PKHCSRGSCW GWFDPWGQGTLVTVSS

CDR 3

FIGURE 1C (1:11, HEAVY CHAIN) [SEQ ID NO.:]

       CDR1   CDR2   CDR3

EVQLLEQSGA EVKKPGSSVK VSCKASGGTF SGHVISWVRQ APGQGLEWMG GSISFFGTSN SAQKFQGRVS ITADESASTA YMELSSLRSE DTAIYYCAKD PPRFCSGGNC YPGEFQQWGQ GTLVTVSS

FIGURE 1D (L3, HEAVY CHAIN) [SEQ ID NO.:]

       CDR1   CDR2   CDR3

EVQLLESGGG VVQPGRSLRL SCAASGFTFK TYGMHWVRQA PGKGLEWVAG ISFDGSNQYY ADSVKGRFIV SRDNSRDTVF LQMSSLRLED TAVYYCATEG SPFGSIKGRY YLENWGQGTL VTVSS
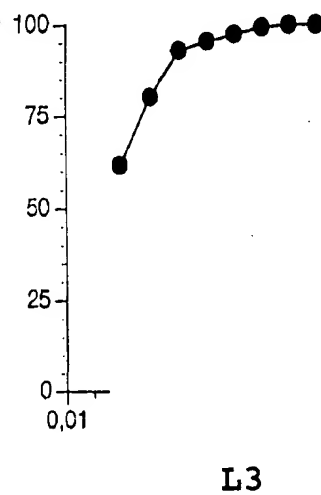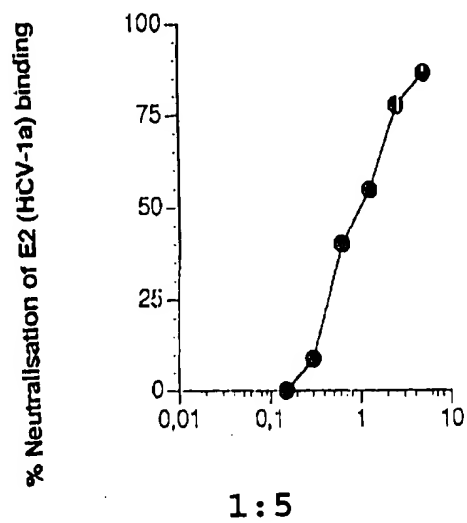
FIGURE 1A (1:5, HEAVY CHAIN) [SEQ ID NO.:]

CDR1   CDR2   CDR3

EVQLLEQSGA EVRKPGSSVK VSCKASGGTF SGHYITWVRQ APGQGLEWMG ESIPIFGSAN YAQNYAQKFR DRVSIIADES TSTSFIELSN LRSDDTAVYY CARDPPRYCS AGRCYPGFEQ QWGQGTLVTV SS

FIGURE 1B (1:7, HEAVY CHAIN) [SEQ ID NO.:]

CDR1   CDR2   CDR3

EVQLLEQSGA EVKKPGSSVK VSCQVFGDTF SRYTIQWLRQ APGQGPEWMG NIIPVYNTPN YAQKFQGRLS ITADDSTSTA YMELSSLRSE DTAVYFCARV YIPNAIRHTM GYYEDYWGQG TLVTVSS

% Neutralisation of E2 (HCV-1a) binding

1:5

L3

1:7

1:11

FIGURE 5

FIGURE 4E (L1, HEAVY CHAIN)   [SEQ ID NO.: ____]

GAGGTGCAGC TGCTCGAGTC TGGGGGAGGC GTGGTCCAGC CTGGGAGGTC TCCTGTGCAG
CGTCTGGGATT CACCTTCAGT GCTTATGGCA TGCACTGGGT CCGCCAGGCT CCAGGCAAGG GGCTGGAGTG
GGTGGCAGGT ATATGGTTTG ATGGAAGTAA TCAATACTAT TCAGACTCCG TGAAGGGCCG ATTCACCGTC
TCCAGAGACA ATTCCAGGAA CACGGCTGTT CTGCAAATGA ACAGCCTGAG ACCGGAGGAC ACGGCTGTCT
ATTACTGTGC GACAGAGGTA CTTTTGGAT CGATTAAGGG GCGTTACTAC CTTGAAAACT GGGGGCCAGGG
AACCCTGGTC ACGGTCTCCT CA

FIGURE 4F (A8, HEAVY CHAIN)   [SEQ ID NO.: ____]

GAGGTGCAGC TGCTCGAGTC GGGCCCAGGA CTGGTGAAGC CTTCGGGGAC CCTGTCCCTC ACCTGCACTG
TCTCTGGTGG CTCCATCAGG AGCAGTCACT GGTGGAGTTG GGTCCGCCAG CCCCAGGGA AGGACTGGA
GTGGATTGGA GAAGTCTTT TTAGTGGAAG CACCATCTAC AACCCATCCC TCAACGATCG AGTCTTCATG
TCTGTAGACA AGTCCAAGGA CCAGTCTCTCC CTGAGGCTGA GCTCTGTGAC CGCCGCGGAC ACGGCCGTGT
ATTACTGTGC GAGATCCCCC ATAAAAATGA ATCAGGGAAG AATGATGTTG GATGCCTTTG ATATCTGGGG
CCAGGGGACA CTCGTCATCG TCTCTTCC

FIGURE 4G (A12, HEAVY CHAIN)   [SEQ ID NO.: ____]

GAGGTGCAGC TGCTCGAGTC TGGGTCTGAG GTGAAGAAGC CTGGGTCTTC GGTGAAGGTC TCCTGCAGGG
CCTCTGGAGG CAGCTTCAGA AGCTACAATT TCAATTGGGT GCGACAGGCC CCTGGACAAG GTCTTGAGTG
GATGGGAGGC ATCATCCCTA TGTTCGGAAC AGCAAACTAC GCACAGAAGT TTCAGGGCAG AGTCACAATT
ACCGCGGACG AATCCACGGC CACAGGCTAC ATGGAGTTGA GCAGTCTGAG ATCTGAAGAC ACGGCCGTTT
ATTACTGTGC GATGCCCTAT CCAAAACATT GCAGTCGTGG AAGTTGCTGG GGCTGGTTCG ACCCCTGGGG
CCAGGGAACT CTGGTCACCG TGTCTTCA

FIGURE 4C (1:11, HEAVY CHAIN) [SEQ ID NO.]

```
CTCGAGCAGT CTGGGGCTGA GGTGAAGAAG CCTGGGTCCT CAGTGAAGGT CTCCTGCAAG GCTTCTGGAG
GCACCTTCAG CGGCCATGTT ATCAGCTGGG TGCGACAGGC CCCTGGACAA GGGCTTGAGT GGATGGGGGG
GAGTATCTCT TTCTTTGGCA CATCAAACTC CGCACAGAAG TTCCAGGGCA GAGTCTCGAT TACCGCGGAC
GAATCCGCGA GCACAGCCTA CATGGAGCTG AGTAGCCTGA GATCGGAGGA CACGGCCATC TATTACTGTG
CGAAAGACCC TCCAAGATTT TGTAGTGGTG GTAACTGCTA CCCGGGGTTC TTCCAGCAGT GGGGCCAGGG
CACCCTGGTC ACCGTCTCCT CA
```

FIGURE 4D (L3, HEAVY CHAIN) [SEQ ID NO.:]

```
CTCGAGTCGG GGGGAGGCGT GGTCCAGCCT GGGAGGTCCC TGAGACTCTC CTGTGCAGCG TCTCGGATTCA
CCTTCAAGAC GTATGGCATG CACTGGGTCC GCCAGGCTCC AGGCAAGGGG CTGGAGTGGG TGGCAGGTAT
TTCGTTTGAT GGAAGTAACC AATATTACGC AGACTCCGTG AAGGGCCGAT TCATCGTCTC CAGAGACAAT
TCCAGGGACA CGGTGTTTCT GCAGATGAGC AGCCTGAGAC TCGAGGACAC GGCTGTGTAT TACTGTGCGA
CAGAGGGTTC TCCTTTTGGC TCGATTAAGG GGCGTTACTA CCTTGAAAAT TGGGGCCAGG GAACCCTGGT
CACCGTCTCC TCA
```

FIGURE 4A (1:5, HEAVY CHAIN) [SEQ ID NO.:]

CTCGAGCAGT CTGGGGCTGA GGTGAGGAAG CCTGGGTCCT CGGTGAAGGT CTCCTGCAAG GCTTCTGGAG
GCACCTTCAG CGGCCATGTT ATCACCTGGG TGCGACAGGC CCCTGGACAA GGACTTGAGT GGATGGGAGA
GAGCATCCCT ATCTTTGGTT CGGCAAACTA CGCTCAAAAC TACGCTCAGA AATTCCGGGA CAGAGTCTCG
ATTATCGGGG ACGAATCCAC GAGCACGTCG TTCATTGAGC TGAGCAACCT GAGATCTGAC GACACGGCCG
TCTACTACTG TGCGAGAGAC CCTCCAAGAT ATTGCAGTGC TGGTAGATGC TACCGGGGAT TCTTCCAGCA
GTGGGGCCAG GGCACCCTCG TCACCGTCTC CTCA

FIGURE 4B (1:7, HEAVY CHAIN) [SEQ ID NO.:]

CTCGAGCAGT CTGGGGCTGA GGTGAAGAAG CCTGGGTCCT CGGTGAAGGT CTCCTGTCAG GTTTTTGGAG
ACACCTTCAG CAGATACACT ATTCAGTGGT TGCGACAGGC CCCTGGACAA GGGCCTGAGT GGATGGGAAA
TATCATCCCT GTCTATAATA CACCAAACTA CGGCCAGAAG TTTCAGGGCA GACTCTGAT AACCGCCGAC
GATTCCACGA GCACAGCCTA CATGGAACTG AGTAGCCTCA GATCTGAGGA CACGGCCGTC TATTTCTGTG
CGAGAGTCGT AATACCAAAT GCAATCCGGC ACACGATGGG ATATTACTTT GACTACTGGG GCCAGGGAAC
CCTGGTCACC GTCTCCTCA

FIGURE 3E (L1, LIGHT CHAIN)   [SEQ ID NO.: ____]

GAGGTGCAGC TGCTCGAGTC TGGGGGAGGC GTGGTCCAGC CTGGGGAGGTC CCTGAGACTC TCCTGTGCAG
CGTCTGGGAT CACCTTCAGT GCTTATGGCA TGCACTGGGT CCGCCAGGCT CCAGGCAAGG GGCTGGAGTG
GGTGGCAGGT ATATGGTTTG ATGGAAGTAA TCAATACTAT TCAGACTCCG TGAAGGGCCG ATTCACCGTC
TCCAGAGACA ATTCCAGGAA CACGCTGTTT CTGCAAATGA ACAGCCTGAG ACCCGAGGAC ACGGCTGTCT
ATTACTGTGC GACAGAGGTA CTTTTGGAT CGATTAAGGG GCGTTACTAC CTTGAAAACT GGGGGCCAGGG
AACCCTGGTC ACCGTCTCCT CA

FIGURE 3F (A8, LIGHT CHAIN)   [SEQ ID NO.: ____]

GCGGAGCTCA CCCAGTCTCC ATCGTCCCTG TCTGCATTTG TNGGAGACAG AGTCACCATC ACTTGCCGGG
CAAGTCAGAG TATTAGCAGG AACTTAAAT GGTATCAGCA GAAACCAGGG ACAGCCCCTA AGGTCCTGAT
CTATGCTGCA TCCAGTTTGC AAAGTGGGGT CCCATCGAGG TTCAGTGGCA GTGGATCTGG GACAGATTTC
ACTCTCACCA TCAACAGTCT GCAACCTGAA GATTTTGCAA CTTACTATTG TCAACAGAGT TACACAACCC
CTCGGACGTT CGGCCAAGGG ACCAAGGTGG AAGTCAAA

FIGURE 3G (A12, LIGHT CHAIN)   [SEQ ID NO.: ____]

GCCGAGCTCA CGCAGTCTCC AGGCACCCTG TCTTTGTCTC CAGGGGAAAG AGCCACCCTC TCCTGCAGGG
CCAGTCAGAG TCTTAGCAGC AAATACTTAG CNTGGTACCA ACAGAAACCT GGCCAGGCTC CCAGGCTCTT
CATTTATGAT GCATCCAGCA GGGCCACTGG CATCCCAGAC AGGTTCAGTG GCAGTGGGTC TGGGACAGAC
TTCACTCTCA GCATCAGCAG ATGGAGCCT GAAGATTTTG CAGTGTATTA CTGTCAGCAG TATGGAACAC
CTGGCACCTT CGGCCAGGGG ACCAAGGTGG AAATCAAA